

PRINCIPAL ASSOCIATE DIRECTOR OF NUCLEAR WEAPONS PROGRAMS DIRECTORATE FORMED

Donald R. McCoy, acting Principal Associate Director for Nuclear Weapons Programs (PADNWP), has formed this new directorate, which has programmatic responsibilities for the entire nuclear weapons program (NWP) at Los Alamos. The directorate will create, integrate, and maintain a sustainable program. Chief responsibilities of this directorate include setting priorities for the nuclear weapons program, providing cost benefit analysis and risk management, tracking and ensuring consistent execution of weapons activity plans with consistency across the institution, and assuring long-term support of Division capabilities that are the foundation of the NWP. In addition, this directorate will balance the stockpile and predictive science programs, allocate required resources, and ensure technical quality of program and deliverables. This directorate will be the customer interface (DOE, NNSA, DoD) and will maintain a “one voice” corporate posture at all times.

The PADNWP will manage the program review process in an organized, systematic manner through a single, *unified*, program review for the entire NWP and through coordinated program reviews of appropriate sub-elements. The PADNWP will chair the Program Integration Board (PIB) as the decision maker, and will ensure involvement of the other Associate Directors in this board. A strong partnership between the PADNWP and the line directorates – ADWP, ADWEM, ADSR, ADTR, and ADO – is key to success of the laboratory mission.

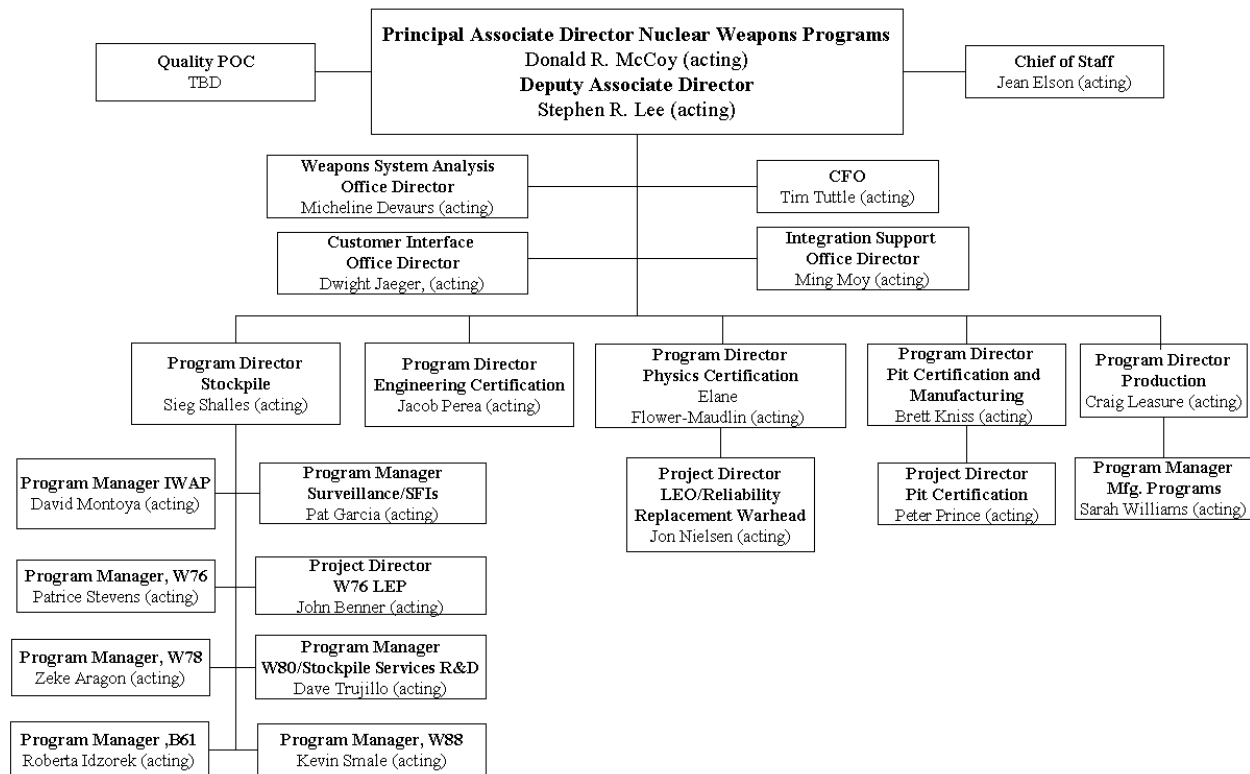
McCoy, who was the Deputy Associate Director for Certification in ADWP, was previously the Program Director for Nuclear Weapons Simulation and Computing.

Stephen R. Lee, Deputy Division Leader of the Computer and Computational Sciences (CCS) Division, joins Don as the acting Deputy Associate Director. Previously, Stephen was the Deputy Program Director for Nuclear Weapons Simulation and Computing.

In addition, five acting Program Directors have been appointed (see below). This team of program directors works together to plan the integrated program, along with their Deputy Associate Director (DAD) counterparts in the line directorates and as members of the PIB.

The organization of this new directorate is a transitional one. In fact during this period, two different approaches are explicitly employed. Three DADs retain program function in their current directorates at this time: DAD Advanced Simulation (James Peery, ADWP), DAD Experimental Physics (John McClelland, ADWP), and DAD Operations (Joel Leeman, ADO). During this transitional period, the five program directors in the new directorate will work in concert with these DADs to plan and integrate the program. In contrast, program direction for ADWEM is more formally matrixed during this transitional period, with program function residing entirely within the new directorate. The lessons learned from these two approaches over the next 3-6 months will be combined into the final NWP organization.

PADNWP Organization Chart



Siegfried Shalles is the acting Stockpile Program Director, and coordinates the annual assessment reporting process and provides management oversight of authorized refurbishment activities and stockpile research and development to support the design and production agencies. Specific weapon system managers and projects fall under the Stockpile Program Director.

Brett Kniss is the acting Program Director for Pit Certification and Manufacturing, responsible for resource requirements and resource allocation for the pit certification and pit manufacturing projects at Los Alamos. He will serve as the interface both the NNSA customer and the line divisions for these projects, establishing priorities, resource requirements and program milestones over a multi-year time period. Of particular importance is to smoothly integrate the projects to achieve the common laboratory goal of a certified product in FY 2007.

Elane Flower-Maudlin is the acting Program Director for Physics Certification, and will work closely with John McClelland and James Peery on the planning, integration and tracking of the science campaigns and the LEO/Reliability Replacement Warhead. She will assure the application of a common certification framework (under development in line organizations) to assess performance of the nuclear weapon stockpile without underground testing to programmatic deliverables. Elane will work in very close partnership with John and James due to the significant overlap in responsibilities among these three positions during this transitional period.

Jake Perea is the acting Program Director for Engineering Certification, responsible for the planning, integration, and tracking of the engineering campaigns, assuring the establishment and application of a corporate-wide approach for engineering certification of the stockpile to programmatic deliverables, and making strategic investments in engineering capabilities to meet future warhead and stockpile assessments.

Craig Leasure is the acting Production Program Director and will lead the planning, prioritization, and allocation of resources for the Los Alamos production agency. In addition, he will act as the primary interface with the NA-12 organization and integrate the Los Alamos Master (Directive) Schedule and Quality Evaluation Tracking. Craig will also work with Joel Leeman to jointly plan and integrate the nuclear weapons infrastructure at Los Alamos.

Micheline Devaurs is the acting Weapons Systems Analysis Office Director and will lead an effort to bring the full spectrum of systems engineering and risk management practices (programmatic and nuclear deterrent) to the integrated management of the program. This office will conduct tradeoff studies and analyses of alternative planning options and frame information in terms of risk/cost/benefit.

The new Directorate will also be home to the Integration Support Office, formerly the Program Integration Office (PIO), which will now be focused on strong support for technical experts planning the program; the Customer Interface Office (which will include change of station personnel); a quality position to oversee the quality domains supported by topical quality offices and points of contact already present in other organizations managing specific quality domains; and other supporting functions.

The new directorate is currently working on formalizing the roles and responsibilities for program functions across the laboratory both for this transitional period and for the end-state of nuclear weapons program management, and will work closely with the appropriate line ADs and through the PIB to complete this process.